

LIQUID EFFLUENT

Central Facility Area (CFA) Sewage Treatment Plant (STP) Results for 2004

The WLAP for CFA STP (LA-000141-01) requires that the influent from the lift station (CFA-LS1) be sampled monthly and the effluent prior to the pivot (CFA-STF) be sample monthly during periods of operation for the following parameters:

Influent (CFA-LS1)	Effluent (CFA-STF)
Daily flow	Daily flow
Total Kjeldahl nitrogen	Total Kjeldahl nitrogen
Nitrate + nitrite as nitrogen	Nitrate + nitrite as nitrogen
Biochemical oxygen demand	Biochemical oxygen demand
Chemical oxygen demand	Chemical oxygen demand
Total suspended solids	Total suspended solids
pH	pH
	Total phosphorus
	Fecal coliform
	Total coliform

However, the permit does not specify any concentration limits for either the influent or the effluent, nor does it specify a permit year flow limit.

During the first quarter of 2004:

- The pivot was not operational; therefore, the effluent was not sampled.
- All permit-required parameters for the influent were within historical ranges.
- There were no permit noncompliances.

FOR MORE INFORMATION

Contact: Roger Wilhelmsen
208-526-9401
rmw@inel.gov